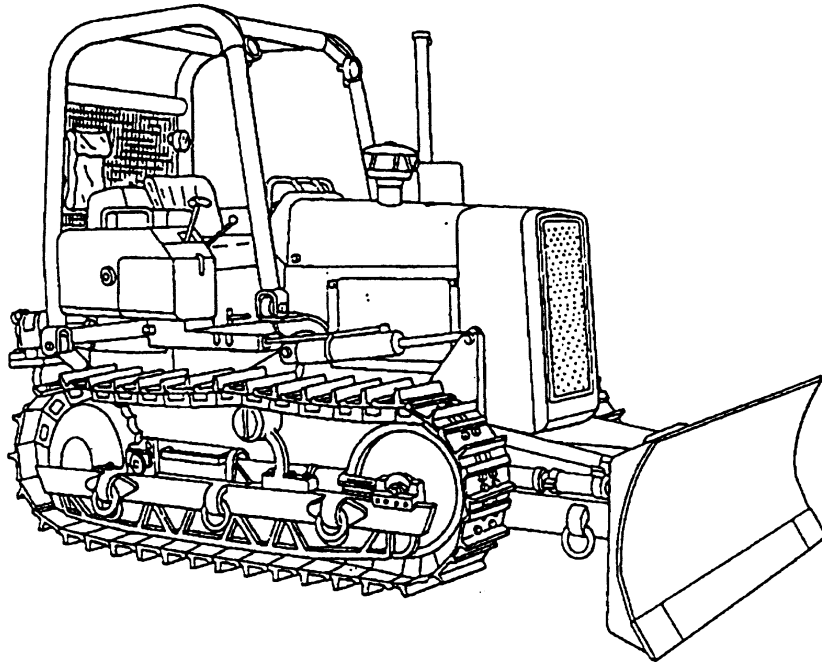


## CAT D5



### SYSTEM IDENTIFIERS

|               |  |
|---------------|--|
| NOMENCLATURE: | Tractor, Fully Tracked, Low Speed, Diesel, Light |
| SSN:          | -----  |
| LIN:          | W76268   |
| NSN:          | 2410-01-127-6512                                 |
| AMIM NO:      | -----  |
| EIC:          | EBB  |
| FUEL TYPE:    | DIESEL   |

### SYSTEM DESCRIPTION

The CAT D5 is a fully-tracked, low speed bulldozer. It is powered by a Caterpillar 3306, six-cylinder diesel engine. The power shift transmission has three forward and three reverse gears. The CAT D5 weighs 17 tons as equipped with a winch and the Roll Over Protection Structure (ROPS).

There are no separately authorized components identified with this weapon/materiel system.

#### **CAT D5**

| <u>LIN</u> | <u>NSN</u> | <u>NOMENCLATURE</u> |
|------------|------------|---------------------|
|------------|------------|---------------------|

#### **SYSTEM VARIANTS**

| <u>MDS</u> | <u>LIN</u> | <u>NSN</u>       |
|------------|------------|------------------|
| CAT D5     | W76268     | 2410-01-270-1192 |
| CAT D5     | W76285     | 2410-01-296-8479 |

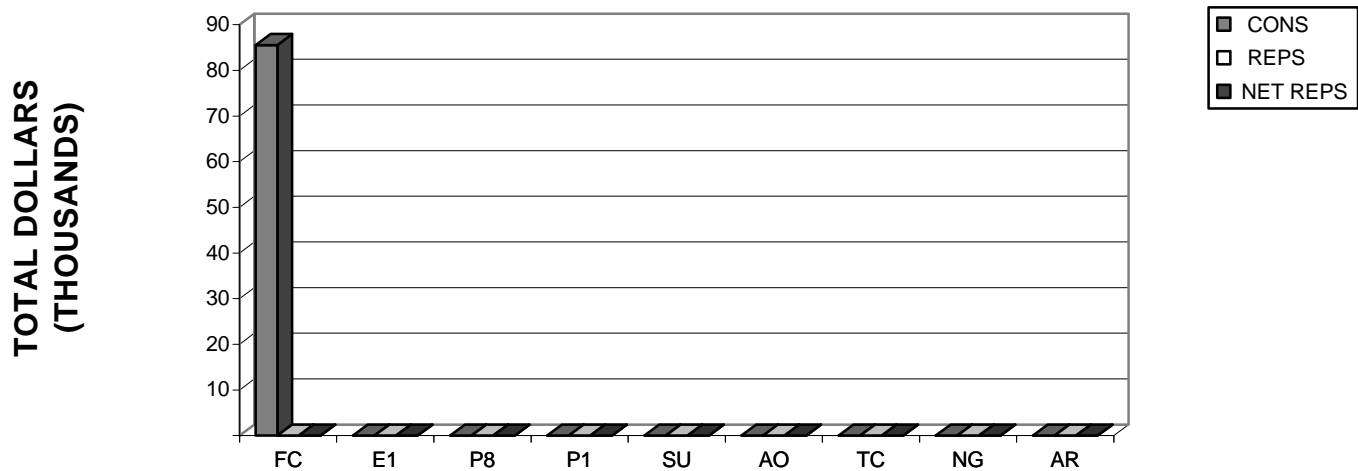
This summary provides an overview of FY 94 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analyses and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

|  |
|--|
| <p align="center"><b>CAT D5</b><br/> <b>FY 94 TOTAL ARMY COST SUMMARY</b><br/> <b>(FY 94 Constant Dollars)</b></p> |
|--|

|   |   |            |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
|---|---|------------|-------|----------|--------------------|---------|----------|-----------------|-------------|----------|----------------------|----------------|-------|-------------|-----------------|----------|------------|
| <div>DENSITY</div> <div>NUMBER OF SYSTEMS46</div>   | <div>DEPOT END ITEM MAINTENANCE (5.061)</div> <div>TOTAL\$0</div> <div>QUANTITY COMPLETED0</div> <div>AVG COST/END ITEM\$0.00</div>   |            |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
| <div>CLASS III-POL (5.05)</div> <div>NOT AVAILABLE</div>  | <div>DEPOT SECONDARY ITEM MAINTENANCE</div> <div>TOTAL\$0</div> <div>QUANTITY COMPLETED0</div> <div>AVG COST/SECONDARY ITEM\$0.00</div>   |            |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
| <div>CLASS V-AMMUNITION (2.11)</div> <div>NOT APPLICABLE</div>  | <div>INTERMEDIATE MAINTENANCE</div> <table><tr><td></td><td>DS/GS</td><td>CIVILIAN</td></tr><tr><td>MIL/CIV LABOR COST</td><td>\$3,538</td><td>\$36,655</td></tr><tr><td>AVG COST/SYSTEM</td><td>\$76.91</td><td>\$796.85</td></tr><tr><td>MAINTENANCE MANHOURS</td><td>213</td><td>2,020</td></tr><tr><td>MMHs/SYSTEM</td><td>4.63</td><td>43.91</td></tr></table> |            | DS/GS | CIVILIAN | MIL/CIV LABOR COST | \$3,538 | \$36,655 | AVG COST/SYSTEM | \$76.91     | \$796.85 | MAINTENANCE MANHOURS | 213            | 2,020 | MMHs/SYSTEM | 4.63            | 43.91    |            |
|   | DS/GS   | CIVILIAN   |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
| MIL/CIV LABOR COST  | \$3,538   | \$36,655   |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
| AVG COST/SYSTEM   | \$76.91   | \$796.85   |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
| MAINTENANCE MANHOURS  | 213   | 2,020      |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
| MMHs/SYSTEM   | 4.63  | 43.91      |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
| <div>CLASS IX MATERIEL-PARTS (5.04/5.03)</div> <table><tr><td></td><td>FY 94</td><td>AVG COST</td></tr><tr><td></td><td>DOLLARS</td><td>PER SYSTEM</td></tr><tr><td>CONSUMABLES</td><td>\$85,570</td><td>\$1,860.22</td></tr><tr><td>NET REPARABLES</td><td>\$0</td><td>\$0.00</td></tr><tr><td>NET TOTAL COSTS</td><td>\$85,570</td><td>\$1,860.22</td></tr></table> |   |            |       | FY 94    | AVG COST           |         | DOLLARS  | PER SYSTEM      | CONSUMABLES | \$85,570 | \$1,860.22           | NET REPARABLES | \$0   | \$0.00      | NET TOTAL COSTS | \$85,570 | \$1,860.22 |
|   | FY 94   | AVG COST   |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
|   | DOLLARS   | PER SYSTEM |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
| CONSUMABLES   | \$85,570  | \$1,860.22 |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
| NET REPARABLES  | \$0   | \$0.00     |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |
| NET TOTAL COSTS   | \$85,570  | \$1,860.22 |       |          |                    |         |          |                 |             |          |                      |                |       |             |                 |          |            |

The following graph and table display FY 94 Class IX costs for consumables (CONS), reparable, (REPS), and net reparable (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

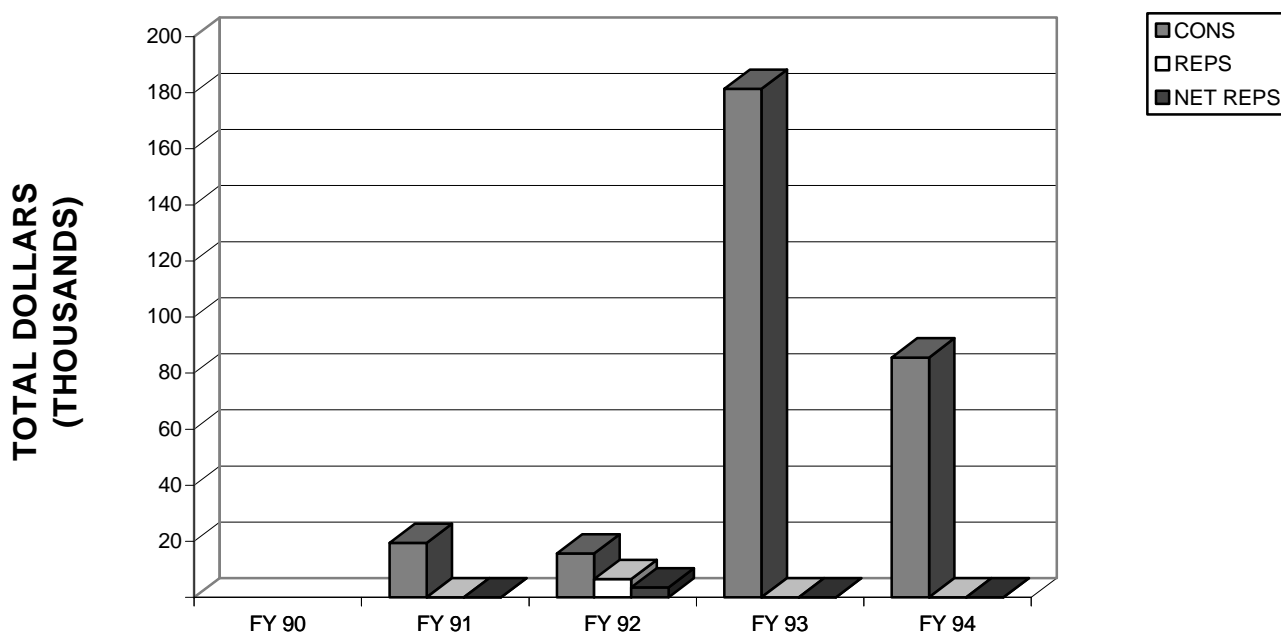
### CAT D5



| CAT D5                     |            |        |      |          |                 |                   |                |
|----------------------------|------------|--------|------|----------|-----------------|-------------------|----------------|
| FY 94 MACOM CLASS IX COSTS |            |        |      |          |                 |                   |                |
| MACOM                      |            | CONS   | REPS | NET REPS | NET TOTAL COSTS | NUMBER OF SYSTEMS | AVG PER SYSTEM |
| CODE                       | NAME       |        |      |          |                 |                   |                |
| FC                         | FORSCOM    | 85,570 | 0    | 0        | 85,570          | 46                | 1,860          |
| E1                         | USAREUR    | 0      | 0    | 0        | 0               | 0                 | 0              |
| P8                         | EUSA       | 0      | 0    | 0        | 0               | 0                 | 0              |
| P1                         | USARPAC    | 0      | 0    | 0        | 0               | 0                 | 0              |
| SU                         | USARSO     | 0      | 0    | 0        | 0               | 0                 | 0              |
| AO                         | USASOC     | 0      | 0    | 0        | 0               | 0                 | 0              |
| TC                         | TRADOC     | 0      | 0    | 0        | 0               | 0                 | 0              |
| NG                         | ARNG       | 0      | 0    | 0        | 0               | 0                 | 0              |
| AR                         | USAR       | 0      | 0    | 0        | 0               | 0                 | 0              |
| TA                         | TOTAL ARMY | 85,570 | 0    | 0        | 85,570          | 46                | 1,860          |

The following graph and table display FY 90-94 Class IX costs for consumables (CONS), reparable (REPS) and net reparable (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total cost of requisitions recorded in the Logistic intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that

### CAT D5



| CAT D5<br>FIVE YEAR TOTAL ARMY CLASS IX COSTS |         |       |          |                 |                   |                |
|---|---------|-------|----------|-----------------|-------------------|----------------|
| FISCAL YEAR                                   | CONS    | REPS  | NET REPS | NET TOTAL COSTS | NUMBER OF SYSTEMS | AVG PER SYSTEM |
| FY 90   |         |       |          |                 |                   |                |
| FY 91   | 19,459  | 0     | 0        | 19,459          | 9                 | 2,162          |
| FY 92   | 15,684  | 6,583 | 3,620    | 19,304          | 9                 | 2,145          |
| FY 93   | 181,394 | 0     | 0        | 181,394         | 43                | 4,218          |
| FY 94   | 85,570  | 0     | 0        | 85,570          | 46                | 1,860          |

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 94 WBS Class IX costs for consumables (CONS) and reparable (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army.

| CAT D5<br>FY 94 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS |                      |        |      |          |                 |                |                |
|---|----------------------|--------|------|----------|-----------------|----------------|----------------|
| WBS   | NAME                 | CONS   | REPS | NET REPS | NET TOTAL COSTS | NUM OF SYSTEMS | AVG PER SYSTEM |
| 01  | HULL/FRAME           | 21,467 | 0    | 0        | 21,467          | 46             | 467            |
| 02  | SUSPENSION/STEER     | 331    | 0    | 0        | 331             | 46             | 7              |
| 03  | POWER PACKAGE        | 52,571 | 0    | 0        | 52,571          | 46             | 1,143          |
| 04  | AUX AUTOMOTIVE       | 874    | 0    | 0        | 874             | 46             | 19             |
| 05  | TURRET ASSEMBLY      | 0      | 0    | 0        | 0               | 0              | 0              |
| 06  | FIRE CONTROL         | 0      | 0    | 0        | 0               | 0              | 0              |
| 07  | ARMAMENT             | 0      | 0    | 0        | 0               | 0              | 0              |
| 08  | BODY/CAB             | 0      | 0    | 0        | 0               | 0              | 0              |
| 09  | AUTO LOADING         | 0      | 0    | 0        | 0               | 0              | 0              |
| 10  | AUTO/REMOTE PILOT    | 0      | 0    | 0        | 0               | 0              | 0              |
| 11  | NBC EQUIPMENT        | 0      | 0    | 0        | 0               | 0              | 0              |
| 12  | SPECIAL EQUIPMENT    | 1,476  | 0    | 0        | 1,476           | 46             | 32             |
| 13  | NAVIGATION           | 0      | 0    | 0        | 0               | 0              | 0              |
| 14  | COMMUNICATIONS       | 0      | 0    | 0        | 0               | 0              | 0              |
| 15  | VEH APP SOFTWARE     | 0      | 0    | 0        | 0               | 0              | 0              |
| 16  | VEH SYS SOFTWARE     | 0      | 0    | 0        | 0               | 0              | 0              |
| 17  | INT, ASSY, TEST, C/O | 0      | 0    | 0        | 0               | 0              | 0              |
| 18  | OTHER                | 8,851  | 0    | 0        | 8,851           | 46             | 192            |
|   | TOTAL                | 85,570 | 0    | 0        | 85,570          | 46             | 1,860          |

The following table displays FY 90-94 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

| <b>CAT D5</b>  |                      |                                      |                                      |                                      |                                      |                                      |
|--|----------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS</b> |                      |                                      |                                      |                                      |                                      |                                      |
| <b>WBS</b>   | <b>NAME</b>          | <b>FY 90<br/>NET TOTAL<br/>COSTS</b> | <b>FY 91<br/>NET TOTAL<br/>COSTS</b> | <b>FY 92<br/>NET TOTAL<br/>COSTS</b> | <b>FY 93<br/>NET TOTAL<br/>COSTS</b> | <b>FY 94<br/>NET TOTAL<br/>COSTS</b> |
| 01   | HULL/FRAME           |                                      | 2,597                                | 3,972                                | 37,900                               | 21,467                               |
| 02   | SUSPENSION/STEER     |                                      | 2,609                                | 2,289                                | 1,262                                | 331                                  |
| 03   | POWER PACK           |                                      | 3,856                                | 9,908                                | 117,304                              | 52,571                               |
| 04   | AUX AUTOMOTIVE       |                                      | 362                                  | 103                                  | 1,854                                | 874                                  |
| 05   | TURRET ASSEMBLY      |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 06   | FIRE CONTROL         |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 07   | ARMAMENT             |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 08   | BODY/CAB             |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 09   | AUTO LOADING         |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 10   | AUTO/REMOTE PILOT    |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 11   | NBC EQUIPMENT        |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 12   | SPECIAL EQUIPMENT    |                                      | 0                                    | 37                                   | 2,035                                | 1,476                                |
| 13   | NAVIGATION           |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 14   | COMMUNICATIONS       |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 15   | VEH APP SOFTWARE     |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 16   | VEH SYS SOFTWARE     |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 17   | INT, ASSY, TEST, C/O |                                      | 0                                    | 0                                    | 0                                    | 0                                    |
| 18   | OTHER                |                                      | 10,035                               | 2,995                                | 21,039                               | 8,851                                |
|  | TOTAL                |                                      | 19,459                               | 19,304                               | 181,394                              | 85,570                               |
|  | NUM OF SYSTEMS       |                                      | 9                                    | 9                                    | 43                                   | 46                                   |
|  | AVG PER SYSTEM       |                                      | 2,162                                | 2,145                                | 4,218                                | 1,860                                |

**CAT D5**  
**TOP 40 COST DRIVERS**  
**CLASS IX CONSUMABLES (NON-DLRs)**

|     | NSN           | NOMENCLATURE        | WBS | MRC | ARI | MATCAT | FY 94 AMDF<br>UNIT PRICE | FY 94<br>QTY |
|-----|---------------|---------------------|-----|-----|-----|--------|--------------------------|--------------|
| 1.  | 2920012819385 | STARTER,ENGINE,ELEC | 03A | F   |     | J2100  | 973.96                   | 10.94        |
| 2.  | 2920004255932 | STARTER,ENGINE,ELEC | 03A | F   |     | J2100  | 1,055.22                 | 9.05         |
| 3.  | 2520001229919 | DISK,CLUTCH         | 03J | Z   |     | J2200  | 141.76                   | 33.00        |
| 4.  | 4010012845806 | WIRE ROPE ASSEMBLY, | 18  | O   |     | J2100  | 908.39                   | 4.90         |
| 5.  | 2530013000231 | BODY,VALVE          | 03Q | H   |     | J2200  | 3,500.60                 | 1.00         |
| 6.  | 2520011630816 | CLUTCH ASSEMBLY,FRI | 03J | Z   |     | J2200  | 64.89                    | 53.60        |
| 7.  | 4730011495082 | STRAINER ELEMENT,SE | 01A | Z   |     | J2200  | 15.82                    | 212.35       |
| 8.  | 6140012034912 | BATTERY,STORAGE     | 18  | Z   |     | Q2200  | 91.79                    | 36.08        |
| 9.  | 2930011624423 | CORE,RADIATOR       | 03G | F   |     | J2100  | 901.81                   | 3.53         |
| 10. | 2930011592910 | GUARD ASSEMBLY,RADI | 03G | Z   |     | J2200  | 1,096.36                 | 2.13         |
| 11. | 2815011619635 | OIL PAN             | 03A | Z   |     | J2200  | 422.70                   | 4.00         |
| 12. | 3830012790297 | CUTTING EDGE,MOLDBO | 12E | Z   |     | J2200  | 159.75                   | 8.67         |
| 13. | 2540011762987 | SEAT,VEHICULAR      | 01H | O   |     | J2100  | 426.76                   | 3.00         |
| 14. | 2940009103066 | FILTER ELEMENT,INTA | 03A | Z   |     | J2200  | 32.25                    | 32.61        |
| 15. | 2930012552943 | PUMP,COOLING SYSTEM | 03G | Z   |     | J2200  | 489.74                   | 2.10         |
| 16. | 2520001478491 | DISK,CLUTCH         | 03J | Z   |     | J2200  | 26.76                    | 34.57        |
| 17. | 5330011648707 | SEAL ASSEMBLY       | 01A | Z   |     | T2200  | 150.93                   | 6.00         |
| 18. | 2520010219923 | DISC ASSEMBLY,PLANE | 03H | Z   |     | J2200  | 37.00                    | 24.00        |
| 19. | 3120012827553 | BEARING,SLEEVE      | 01H | Z   |     | T2200  | 106.19                   | 8.00         |
| 20. | 5330011619158 | GASKET KIT          | 01A | Z   |     | T2200  | 211.80                   | 3.00         |
| 21. | 5330011965624 | GASKET AND SEAL SET | 01A | Z   |     | T2200  | 159.34                   | 3.67         |
| 22. | 2590011619630 | BRACE ASSEMBLY,BLAD | 01H | Z   |     | J2200  | 1,098.07                 | 0.53         |
| 23. | 2590011619656 | HORN,ELECTRICAL     | 01H | Z   |     | J2200  | 150.82                   | 3.71         |
| 24. | 3010011505434 | DISK,CLUTCH         | 03J | Z   |     | J2200  | 48.16                    | 10.53        |
| 25. | 2930004516070 | IMPELLER,FAN,AXIAL  | 03G | Z   |     | J2200  | 330.54                   | 1.53         |
| 26. | 2910011434403 | NOZZLE,FUEL INJECTI | 03A | Z   |     | J2200  | 74.98                    | 6.70         |
| 27. | 5330011850502 | GASKET AND SEAL SET | 01A | Z   |     | T2200  | 136.02                   | 3.67         |
| 28. | 2540011191743 | MIRROR HEAD,VEHICUL | 01H | Z   |     | J2200  | 77.16                    | 6.25         |
| 29. | 2530005450322 | BEARING,DIAGONAL BR | 03Q | Z   |     | J2200  | 57.56                    | 8.13         |
| 30. | 3020011620180 | SPROCKET WHEEL SEGM | 03H | Z   |     | J2200  | 25.35                    | 18.00        |
| 31. | 2520011493802 | JOINT ASSEMBLY,AUTO | 03L | Z   |     | J2200  | 73.34                    | 6.15         |
| 32. | 2590011627550 | PISTON,LINEAR ACTUA | 01H | Z   |     | J2200  | 224.93                   | 2.00         |
| 33. | 2540004497378 | CUSHION,SEAT BACK,V | 01H | Z   |     | J2200  | 63.44                    | 6.15         |
| 34. | 2990004106812 | MUFFLER,EXHAUST     | 03F | Z   |     | J2200  | 73.72                    | 4.85         |
| 35. | 5306011697537 | BOLT                | 01A | Z   |     | T2200  | 27.30                    | 13.00        |
| 36. | 5930011627313 | SWITCH,PUSH         | 04A | Z   |     | Q2200  | 32.48                    | 10.69        |
| 37. | 2530004266110 | GUARD               | 03Q | Z   |     | J2200  | 480.31                   | 0.70         |
| 38. | 5340011697536 | HOLD DOWN           | 01A | Z   |     | T2200  | 81.26                    | 4.00         |
| 39. | 5340010906880 | BRACKET             | 01A | Z   |     | T2200  | 159.70                   | 2.00         |
| 40. | 2510011448615 | GRILLE,METAL        | 01F | Z   |     | J2200  | 157.96                   | 2.00         |

|                   |    |
|-------------------|----|
| NUMBER OF SYSTEMS | 46 |
|-------------------|----|

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING



**CAT D5**  
**CONSUMABLES (NON-DLRs)**

| EXTENDED COST<br>(QTY * UNIT PRICE) | AVERAGE COST  | AVERAGE QUANTITY   | FY 91-94<br>FOUR YEAR AVERAGE |               |
|-------------------------------------|---------------|--------------------|-------------------------------|---------------|
|                                     | PER<br>SYSTEM | PER<br>100 SYSTEMS | QTY                           | EXTENDED COST |
| 10,655                              | 231.63        | 23.7826            | 3.97                          | 3,867         |
| 9,550                               | 207.61        | 19.6739            | 2.68                          | 2,828         |
| 4,678                               | 101.70        | 71.7391            | 11.00                         | 1,559         |
| 4,451                               | 96.76         | 10.6522            | 4.58                          | 4,160         |
| 3,501                               | 76.11         | 2.1739             | 0.25                          | 875           |
| 3,478                               | 75.61         | 116.5217           | 28.40                         | 1,843         |
| 3,359                               | 73.02         | 461.6304           | 62.81                         | 994           |
| 3,312                               | 72.00         | 78.4348            | 23.54                         | 2,161         |
| 3,183                               | 69.20         | 7.6739             | 0.88                          | 794           |
| 2,335                               | 50.76         | 4.6304             | 0.53                          | 581           |
| 1,691                               | 36.76         | 8.6957             | 1.00                          | 423           |
| 1,385                               | 30.11         | 18.8478            | 3.92                          | 626           |
| 1,280                               | 27.83         | 6.5217             | 1.70                          | 725           |
| 1,052                               | 22.87         | 70.8913            | 24.27                         | 783           |
| 1,028                               | 22.35         | 4.5652             | 0.53                          | 260           |
| 925                                 | 20.11         | 75.1522            | 21.94                         | 587           |
| 906                                 | 19.70         | 13.0435            | 7.22                          | 1,090         |
| 888                                 | 19.30         | 52.1739            | 10.00                         | 370           |
| 850                                 | 18.48         | 17.3913            | 4.00                          | 425           |
| 635                                 | 13.80         | 6.5217             | 1.00                          | 212           |
| 585                                 | 12.72         | 7.9783             | 0.92                          | 147           |
| 582                                 | 12.65         | 1.1522             | 0.13                          | 143           |
| 560                                 | 12.17         | 8.0652             | 2.56                          | 386           |
| 507                                 | 11.02         | 22.8913            | 2.63                          | 127           |
| 506                                 | 11.00         | 3.3261             | 1.13                          | 374           |
| 502                                 | 10.91         | 14.5652            | 7.57                          | 568           |
| 499                                 | 10.85         | 7.9783             | 0.92                          | 125           |
| 482                                 | 10.48         | 13.5870            | 2.01                          | 155           |
| 468                                 | 10.17         | 17.6739            | 17.78                         | 1,023         |
| 456                                 | 9.91          | 39.1304            | 13.50                         | 342           |
| 451                                 | 9.80          | 13.3696            | 2.29                          | 168           |
| 450                                 | 9.78          | 4.3478             | 0.50                          | 112           |
| 390                                 | 8.48          | 13.3696            | 2.96                          | 188           |
| 358                                 | 7.78          | 10.5435            | 7.14                          | 526           |
| 355                                 | 7.72          | 28.2609            | 6.25                          | 171           |
| 347                                 | 7.54          | 23.2391            | 5.64                          | 183           |
| 336                                 | 7.30          | 1.5217             | 0.93                          | 447           |
| 325                                 | 7.07          | 8.6957             | 2.75                          | 223           |
| 319                                 | 6.93          | 4.3478             | 1.50                          | 240           |
| 316                                 | 6.87          | 4.3478             | 0.50                          | 79            |

|        |       |        |
|--------|-------|--------|
| 67,936 | 79.4% | TOP 40 |
| 17,634 | 20.6% | OTHERS |
| =====  |       |        |
| 85,570 |       |        |

CAT D5  
COST DRIVERS  
CLASS IX REPARABLES (DLRs)

| NSN | NOMENCLATURE | WBS | MRC | ARI | MATCAT | FY 94 AMDF UNIT PRICE |          | FY 94<br>QTY |
|-----|--------------|-----|-----|-----|--------|-----------------------|----------|--------------|
|     |              |     |     |     |        | W/O CREDIT            | W/CREDIT |              |

NO DATA

**CAT D5  
REPARABLES (DLRs)**

| EXTENDED COST<br>(W/CREDIT)<br>(QTY * UNIT PRICE) | AVERAGE COST<br>(W/CREDIT) | AVERAGE QUANTITY   | FY 91-94<br>FOUR YEAR AVERAGE |                             |
|---|----------------------------|--------------------|-------------------------------|-----------------------------|
|   | PER<br>SYSTEM              | PER<br>100 SYSTEMS | QTY                           | EXTENDED COST<br>(W/CREDIT) |

NO DATA

The following table summarizes FY 94 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture. For reporting purposes, TRANSPORTATION costs recorded in the World Aircraft Logistics Conference (WALC)/Special Aircraft Assignment Mission (SAAM) records are shown in the OTHER maintenance category.

| CAT D5<br>FY 94 DEPOT MAINTENANCE COSTS |                      |          |       |              |                            |          |       |
|---|----------------------|----------|-------|--------------|----------------------------|----------|-------|
| COST ELEMENTS                           | END ITEM MAINTENANCE |          |       |              | SECONDARY ITEM MAINTENANCE |          |       |
|   | REPAIR               | OVERHAUL | OTHER | MODIFICATION | REPAIR                     | OVERHAUL | OTHER |
| CIVILIAN LABOR                          | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| MILITARY LABOR                          | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| MATERIEL                                | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| TRANSPORTATION                          | 0                    | 0        | 0     | 0            |                            |          |       |
| OVERHEAD                                | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| CONTRACT                                | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| OTHER                                   | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| TOTAL                                   | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| QTY COMPLETED                           | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |
| AVG COST                                | 0                    | 0        | 0     | 0            | 0                          | 0        | 0     |

The table below summarizes FY 94 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.61). CIVILIAN LABOR COSTS are a summation from the source data.

| CAT D5<br>FY 94 INTERMEDIATE MAINTENANCE COSTS |                   |                   |                       |                       |                          |
|--|-------------------|-------------------|-----------------------|-----------------------|--------------------------|
| MACOM  | DS/GS LABOR HOURS | DS/GS LABOR COSTS | CIVILIAN LABOR HOURS* | CIVILIAN LABOR COSTS* | CIVILIAN LABOR COST/HOUR |
| FORSCOM  | 213               | 3,538             | 2,020                 | 36,655                | 18.15                    |
| USAREUR  | 0                 | 0                 |                       |                       |                          |
| EUSA   | 0                 | 0                 |                       |                       |                          |
| USARPAC  | 0                 | 0                 |                       |                       |                          |
| USARSO   | 0                 | 0                 |                       |                       |                          |
| USASOC   | 0                 | 0                 |                       |                       |                          |
| TRADOC   | 0                 | 0                 | 0                     | 0                     | 0.00                     |
| ARNG   | 0                 | 0                 |                       |                       |                          |
| USAR   | 0                 | 0                 |                       |                       |                          |
| TOTAL ARMY                                     | 213               | 3,538             | 2,020                 | 36,655                | 18.15                    |

\*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 90-94 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 94 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. TRANSPORTATION costs are recorded in the WALC/SAAM records. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

| CAT D5<br>FIVE YEAR DEPOT MAINTENANCE COSTS |                      |       |       |       |       |                            |       |       |       |       |
|---|----------------------|-------|-------|-------|-------|----------------------------|-------|-------|-------|-------|
| COST ELEMENTS                               | END ITEM MAINTENANCE |       |       |       |       | SECONDARY ITEM MAINTENANCE |       |       |       |       |
|   | FY 90                | FY 91 | FY 92 | FY 93 | FY 94 | FY 90                      | FY 91 | FY 92 | FY 93 | FY 94 |
| CIVILIAN LABOR                              |                      | 0     | 0     | 0     | 0     |                            | 0     | 0     | 0     | 0     |
| MILITARY LABOR                              |                      | 0     | 0     | 0     | 0     |                            | 0     | 0     | 0     | 0     |
| MATERIEL                                    |                      | 0     | 0     | 0     | 0     |                            | 0     | 0     | 0     | 0     |
| TRANSPORTATION                              |                      | 0     | 0     | 0     | 0     |                            |       |       |       |       |
| OVERHEAD                                    |                      | 0     | 0     | 0     | 0     |                            | 0     | 0     | 0     | 0     |
| CONTRACT                                    |                      | 0     | 0     | 0     | 0     |                            | 0     | 0     | 0     | 0     |
| OTHER                                       |                      | 0     | 0     | 0     | 0     |                            | 0     | 0     | 0     | 0     |
| TOTAL                                       |                      | 0     | 0     | 0     | 0     |                            | 0     | 0     | 0     | 0     |
| QTY COMPLETED                               |                      | 0     | 0     | 0     | 0     |                            | 0     | 0     | 0     | 0     |
| AVG COST                                    |                      | 0     | 0     | 0     | 0     |                            | 0     | 0     | 0     | 0     |

The table below summarizes FY 90-94 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 94 constant dollars. CIVILIAN LABOR COSTS are a summation from the source data. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

| CAT D5<br>FIVE YEAR INTERMEDIATE MAINTENANCE COSTS |   |       |       |       |       |                            |       |       |        |        |
|--|---|-------|-------|-------|-------|----------------------------|-------|-------|--------|--------|
| MACOM  | DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS) |       |       |       |       | CIVILIAN MAINTENANCE (CIV) |       |       |        |        |
|  | FY 90   | FY 91 | FY 92 | FY 93 | FY 94 | FY 90                      | FY 91 | FY 92 | FY 93  | FY 94  |
| FORSCOM  |   | 0     | 893   | 4,147 | 3,538 |                            | 0     | 106   | 20,922 | 36,655 |
| USAREUR  |   | 0     | 0     | 0     | 0     |                            |       |       |        |        |
| EUSA   |   | 0     | 0     | 0     | 0     |                            |       |       |        |        |
| USARPAC  |   | 0     | 0     | 0     | 0     |                            |       |       |        |        |
| USARSO   |   | 0     | 0     | 0     | 0     |                            |       |       |        |        |
| USASOC   |   | 0     | 0     | 0     | 0     |                            |       |       |        |        |
| TRADOC   |   | 0     | 0     | 0     | 0     |                            | 0     | 0     | 0      | 0      |
| ARNG   |   | 0     | 0     | 0     | 0     |                            |       |       |        |        |
| USAR   |   | 0     | 0     | 0     | 0     |                            |       |       |        |        |
| TOTAL ARMY   |   | 0     | 893   | 4,147 | 3,538 |                            | 0     | 106   | 20,922 | 36,655 |
| LABOR HRS  |   | 0     | 53    | 241   | 213   |                            | 0     | 7     | 1,221  | 2,020  |
| COST PER HR  |   | 0.00  | 16.84 | 17.19 | 16.61 |                            | 0.00  | 15.14 | 17.14  | 18.15  |

The following list shows the FY 94 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the MFM. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 94 TOTAL COST TO REBUILD/OVERHAUL by FY 94 QTY COMPLETED.

| CAT D5<br>FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS<br>COST DRIVERS |              |                        |  |                           |                                     |
|---|--------------|------------------------|--|---------------------------|-------------------------------------|
| NSN   | NOMENCLATURE | FY 94<br>AMDF<br>PRICE | FY 94<br>TOTAL COST<br>TO REBUILD/<br>OVERHAUL | FY 94<br>QTY<br>COMPLETED | AVG COST<br>TO REBUILD/<br>OVERHAUL |
| NO DATA AVAILABLE   |              |                        |  |                           |                                     |

The following list shows the FY 94 Secondary Item Maintenance - Repairs Cost Drivers recorded in MFM. AVG COST TO REPAIR is calculated by dividing the costs in FY 94 TOTAL COST TO REPAIR by FY 94 QTY COMPLETED.

| CAT D5<br>FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS<br>COST DRIVERS |              |                        |                                  |                           |                       |
|--|--------------|------------------------|----------------------------------|---------------------------|-----------------------|
| NSN  | NOMENCLATURE | FY 94<br>AMDF<br>PRICE | FY 94<br>TOTAL COST<br>TO REPAIR | FY 94<br>QTY<br>COMPLETED | AVG COST<br>TO REPAIR |
| NO DATA AVAILABLE  |              |                        |                                  |                           |                       |

The following list shows the FY 90-94 Secondary Item - Rebuild/Overhauls Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 90-94 TOTAL COST TO REBUILD/OVERHAUL by FY 90 -94 QTY COMPLETED.

| <b>CAT D5</b><br><b>FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS</b><br><b>COST DRIVERS</b> |                     |                                 |   |                                       |  |
|--|---------------------|---------------------------------|---|---------------------------------------|--|
| <u>NSN</u>   | <u>NOMENCLATURE</u> | <u>FY 94<br/>AMDF<br/>PRICE</u> | <u>FY 90-94<br/>TOTAL COST<br/>TO REBUILD/<br/>OVERHAUL</u> | <u>FY 90-94<br/>QTY<br/>COMPLETED</u> | <u>AVG COST<br/>TO REBUILD/<br/>OVERHAUL</u> |
| NO DATA AVAILABLE  |                     |                                 |   |                                       |  |

The following list shows the FY 90-94 Secondary Item - Repairs Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REPAIR is calculated by dividing the costs in FY 90-94 TOTAL COST TO REPAIR by FY 90-94 QTY COMPLETED.

| <b>CAT D5</b><br><b>FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS</b><br><b>COST DRIVERS</b> |                     |                                 |  |                                       |                               |
|---|---------------------|---------------------------------|--|---------------------------------------|-------------------------------|
| <u>NSN</u>  | <u>NOMENCLATURE</u> | <u>FY 94<br/>AMDF<br/>PRICE</u> | <u>FY 90-94<br/>TOTAL COST<br/>TO REPAIR</u> | <u>FY 90-94<br/>QTY<br/>COMPLETED</u> | <u>AVG COST<br/>TO REPAIR</u> |
| NO DATA AVAILABLE   |                     |                                 |  |                                       |                               |

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